

DUTCHESS COUNTY -- Du 321

414737073563301. Local number, Du 321.

LOCATION.--Lat 41°47'37", long 73°56'33", Hydrologic Unit 02020008, near Hyde Park.
Owner: U.S. National Park Service.

AQUIFER.--Confined aquifer in Austin Glen shale of Ordovician age.

WELL CHARACTERISTICS.--Drilled unused well, diameter 6 in., depth 127 ft, cased to 75 ft, open hole.

INSTRUMENTATION.--Water-stage recorder--hourly.

DATUM.--Elevation of land-surface datum is 170 ft above NGVD of 1929, from topographic map. Measuring points: Top of extended casing, 3.10 ft above land-surface datum; top of shelter shelf, 3.40 ft above land-surface datum.

REMARKS.--Water level responds to semidiurnal earth tides (approximately 0.05 ft).

PERIOD OF RECORD.--October 1948 to April 1950, April 1953 to September 1997, February to September 2004.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 65.62 ft below land-surface datum, June 22, 1953; lowest, 73.85 ft below land-surface datum, Sept. 13, 1966.

EXTREMES FOR CURRENT PERIOD (February to September).--Highest water level measured, 66.99 ft below land-surface datum, Feb. 25; lowest, 69.44 ft below land-surface datum, Aug. 15.

DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	67.85	68.12	68.73	69.18	69.22
2	---	---	---	---	---	---	---	67.82	68.09	68.73	69.18	69.28
3	---	---	---	---	---	---	---	67.79	68.14	68.75	69.17	69.33
4	---	---	---	---	---	---	---	67.79	68.24	68.77	69.16	69.34
5	---	---	---	---	---	---	---	67.82	68.30	68.76	69.13	69.37
6	---	---	---	---	---	---	---	67.86	68.32	68.75	69.16	69.40
7	---	---	---	---	---	---	---	67.89	68.32	68.77	69.20	69.38
8	---	---	---	---	---	---	---	67.97	68.34	68.78	69.25	69.32
9	---	---	---	---	---	---	---	68.00	68.34	68.82	69.30	69.17
10	---	---	---	---	---	---	---	68.00	68.32	68.89	69.33	69.13
11	---	---	---	---	---	---	---	67.98	68.33	68.94	69.32	69.20
12	---	---	---	---	---	---	---	67.99	68.38	68.98	69.34	69.25
13	---	---	---	---	---	---	---	68.02	68.43	68.96	69.33	69.27
14	---	---	---	---	---	---	m 67.49	68.06	68.41	68.92	69.33	69.31
15	---	---	---	---	---	---	---	68.06	68.40	68.88	69.37	69.34
16	---	---	---	---	---	---	---	68.08	68.43	68.88	69.38	69.31
17	---	---	---	---	---	---	---	68.14	68.44	68.94	69.31	69.27
18	---	---	---	---	---	---	---	68.14	68.37	69.01	69.29	69.08
19	---	---	---	---	---	---	m 67.78	68.11	68.36	69.03	69.29	68.98
20	---	---	---	---	---	---	---	68.14	68.41	69.06	69.31	69.05
21	---	---	---	---	---	---	---	68.13	68.45	69.10	69.17	69.08
22	---	---	---	---	---	---	---	68.11	68.46	69.13	69.09	69.07
23	---	---	---	---	---	---	---	68.09	68.47	69.12	69.12	69.06
24	---	---	---	---	---	---	---	68.07	68.52	69.08	69.19	69.07
25	---	---	---	---	m 66.99	---	---	68.06	68.57	69.16	69.25	69.05
26	---	---	---	---	---	---	---	68.08	68.58	69.20	69.29	69.03
27	---	---	---	---	---	---	---	68.04	68.60	69.19	69.29	69.03
28	---	---	---	---	---	---	---	68.00	68.63	69.16	69.25	68.95
29	---	---	---	---	---	---	---	68.04	68.66	69.15	69.23	68.79
30	---	---	---	---	---	---	67.85	68.12	68.69	69.17	69.23	68.77
31	---	---	---	---	---	---	---	68.16	---	69.18	69.21	---
MEAN	---	---	---	---	---	---	---	68.01	68.40	68.97	69.25	69.16
MAX	---	---	---	---	---	---	---	68.16	68.69	69.20	69.38	69.40
MIN	---	---	---	---	---	---	---	67.79	68.09	68.73	69.09	68.77

m Instantaneous measurement

GROUND-WATER LEVELS
DUTCHESS COUNTY -- Du 321—Continued

